

10/695243

Search results

Refine Search

Search Results -

Terms	Documents
endoglycosidase\$ near10 terminal near5 glucose\$	0

Database:

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search:

L13

...

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, December 14, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query**Hit Count Set Name**
result set

side by side

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L13</u>	endoglycosidase\$ near10 terminal near5 glucose\$	0	<u>L13</u>
<u>L12</u>	endoglycosidase\$	1499	<u>L12</u>
<u>L11</u>	glycosidic near5 enzyme\$ near10 terminal	2	<u>L11</u>
<u>L10</u>	glycosidic near5 enzyme\$ near10 terminal near5 glucose\$	0	<u>L10</u>
<u>L9</u>	l8 and endomannosidase\$	0	<u>L9</u>
<u>L8</u>	20040018590	4	<u>L8</u>

DB=EPAB; PLUR=YES; OP=OR

<u>L7</u>	CN-1315551-A.did.	0	<u>L7</u>
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DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L6</u>	endomannosidase\$ near10 recombinant\$	2	<u>L6</u>
<u>L5</u>	endomannosidase\$ near10 (structur\$ or divers\$)	2	<u>L5</u>
<u>L4</u>	endomannosidase\$ near10 (structur\$ or diversit\$)	2	<u>L4</u>
<u>L3</u>	endomannosidase\$	24	<u>L3</u>
<u>L2</u>	L1 and spiro	1	<u>L2</u>

L1 20040171826

2 L1

END OF SEARCH HISTORY

Set	Items	Description
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? set hi ; set hi		
HIGHLIGHT	set on as ''	
HIGHLIGHT	set on as ''	
? begin	5,6,55,154,155,156,312,399,biotech,b	

Set Items Description
--- -----
? s mannosidase?
S1 23952 MANNOSIDASE?
? s endomannosidase?
S2 301 ENDOMANNOSIDASE?
? s s2 and review?
>>>File 5 processing for REVIEW? stopped at REVIEW MOUSE CARBAMYL CHOLINE
ACETYL CHOLINE N
301 S2
8120553 REVIEW?
S3 21 S2 AND REVIEW?
? rd s3

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
S4 7 RD S3 (unique items)

? d s4/3/1-7
Display 4/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0014428058 BIOSIS NO.: 200300385335

The role of glucosidase II and **endomannosidase** in glucose trimming of
asparagine-linked oligosaccharides.

AUTHOR: Roth Jurgen (Reprint); Ziak Martin; Zuber Christian
AUTHOR ADDRESS: Division of Cell and Molecular Pathology, Department of
Pathology, University of Zurich, Schmelzbergstr. 12, 8091, Zurich,
Switzerland**Switzerland

AUTHOR E-MAIL ADDRESS: juergen.roth@usz.ch

JOURNAL: Biochimie (Paris) 85 (3-4): p287-294 March-April 2003 2003

MEDIUM: print

ISSN: 0300-9084

DOCUMENT TYPE: Article; Literature Review

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?
Display 4/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0013687817 BIOSIS NO.: 200200281328

The importance of trimming reactions on asparagine-linked oligosaccharides
for protein quality control

AUTHOR: Roth Juergen (Reprint); Zuber Christian; Guhl Bruno; Fan Jing-yu;
Ziak Martin

AUTHOR ADDRESS: Division of Cell and Molecular Pathology, Department of
Pathology, University of Zurich, Schmelzbergstrasse 12, 8091, Zurich,
Switzerland**Switzerland

JOURNAL: Histochemistry and Cell Biology 117 (2): p159-169 February, 2002
2002

MEDIUM: print

ISSN: 0948-6143

DOCUMENT TYPE: Article; Literature Review

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?
Display 4/3/3 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2005 American Chemical Society. All rts. reserv.

134111978 CA: 134(9)111978e CONFERENCE PROCEEDING

Processing enzymes involved in the deglucosylation of N-linked oligosaccharides of glycoproteins: Glucosidases I and II and endomannosidase

AUTHOR(S): Spiro, Robert G.

LOCATION: Department of Biological Chemistry Joslin Research Laboratory, Harvard Medical School, Boston, MA, 02215, USA

JOURNAL: Carbohydr. Chem. Biol. EDITOR: Ernst, Beat (Ed), Hart, Gerald W. (Ed), Sinay, Pierre (Ed), DATE: 2000 VOLUME: 3, PAGES: 65-79 CODEN: 69AMJE LANGUAGE: English PUBLISHER: Wiley-VCH Verlag GmbH, Weinheim, Germany

- end of record -

?

Display 4/3/4 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2005 American Chemical Society. All rts. reserv.

126182920 CA: 126(14)182920a CONFERENCE PROCEEDING

Golgi endo α -mannosidase

AUTHOR(S): Spiro, Robert G.

LOCATION: Dep. of Biological Chemistry, Harvard Medical Sch., Boston, MA, 02215, USA

JOURNAL: Guideb. Secretory Pathway EDITOR: Rothblatt, Jonathan (Ed), Novick, Peter (Ed), Stevens, Tom H (Ed), DATE: 1994 PAGES: 188-189

CODEN: 64AJAT LANGUAGE: English PUBLISHER: Oxford University Press, Oxford, UK

- end of record -

?

Display 4/3/5 (Item 1 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

05768446 E.I. No: EIP01015493834

Title: N-glycosylation processing and glycoprotein folding-lessons from the tyrosinase-related proteins

Author: Branza-Nichita, Norica; Petrescu, Andrei J.; Negroiu, Gabriela; Dwek, Raymond A.; Petrescu, Stefana M.

Corporate Source: Romanian Acad, Bucharest, Rom

Source: Chemical Reviews v 100 n 12 Dec 2000. p 4697-4711

Publication Year: 2000

CODEN: CHREAY ISSN: 0009-2665

Language: English

- end of record -

?

Display 4/3/6 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE

(c) 2005 Elsevier Science B.V. All rts. reserv.

12636244 EMBASE No: 2004214295

Role of N-linked polymannose oligosaccharides in targeting glycoproteins for endoplasmic reticulum-associated degradation

Spiro R.G.

R.G. Spiro, Depts. of Biol. Chem. and Medicine, Harvard Medical School, Joslin Diabetes Center, Boston, MA 02215 United States

AUTHOR EMAIL: robert.spiro@joslin.harvard.edu

Cellular and Molecular Life Sciences (CELL. MOL. LIFE SCI.) (Switzerland) 2004, 61/9 (1025-1041)

CODEN: CMLSF ISSN: 1420-682X

DOCUMENT TYPE: Journal ; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 153

- end of record -

?

Display 4/3/7 (Item 1 from file: 98)

DIALOG(R)File 98:General Sci Abs/Full-Text

(c) 2005 The HW Wilson Co. All rts. reserv.

04272477 H.W. WILSON RECORD NUMBER: BGS00022477 (USE FORMAT 7 FOR
FULLTEXT)
Protein glucosylation and its role in protein folding.
Parodi, Armando J
Annual Review of Biochemistry v. 69 (2000) p. 69-93
SPECIAL FEATURES: bibl il ISSN: 0066-4154
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 10761

- end of record -

? d s4/9/1
Display 4/9/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0014428058 BIOSIS NO.: 200300385335
The role of glucosidase II and **endomannosidase** in glucose trimming of
asparagine-linked oligosaccharides.
AUTHOR: Roth Jurgen (Reprint); Ziak Martin; Zuber Christian
AUTHOR ADDRESS: Division of Cell and Molecular Pathology, Department of
Pathology, University of Zurich, Schmelzbergstr. 12, 8091, Zurich,
Switzerland**Switzerland
AUTHOR E-MAIL ADDRESS: juergen.roth@usz.ch
JOURNAL: Biochimie (Paris) 85 (3-4): p287-294 March-April 2003 2003
MEDIUM: print
ISSN: 0300-9084
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: This **review** covers various aspects of glucose trimming

-more-

?
Display 4/9/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.
reactions occurring on asparagine-linked oligosaccharides. Structural and
functional features of two enzymes, glucosidase II and
endo-alpha-mannosidase, prominently involved in this process are
summarized and their striking differences in terms of substrate
specificities are highlighted. Recent results of analyses by
immunoelectron microscopy of their distribution pattern are presented
which demonstrate that glucose trimming is not restricted to the
endoplasmic reticulum (ER) but additionally is a function accommodated by
the Golgi apparatus. The mutually exclusive subcellular distribution of
glucosidase II and **endomannosidase** are discussed in terms of their
significance for quality control of protein folding and N-glycosylation.

REGISTRY NUMBERS: 108022-16-8: **endomannosidase**; 9073-99-8:
glucosidase II

DESCRIPTORS:

MAJOR CONCEPTS: Enzymology--Biochemistry and Molecular Biophysics
BIOSYSTEMATIC NAMES: Muridae--Rodentia, Mammalia, Vertebrata, Chordata,

-more-

? s endomannosidase? (5n) structure?
Processing
Processed 20 of 39 files ...
Completed processing all files
301 ENDOMANNOSEIDASE?
12930537 STRUCTURE?
S5 1 ENDOMANNOSEIDASE? (5N) STRUCTURE?
?
PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES

? d s5/9/1

Display 5/9/1 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2005 American Chemical Society. All rts. reserv.

119197842 CA: 119(19)197842f JOURNAL

Characterization of endomannosidase inhibitors and evaluation of their effect on N-linked oligosaccharide processing during glycoprotein biosynthesis

AUTHOR(S): Hiraizumi, Sen; Spohr, Ulrike; Spiro, Robert G.

LOCATION: Dep. Biol. Chemical, Harvard Med. Sch., Boston, MA, 02215, USA

JOURNAL: J. Biol. Chemical DATE: 1993 VOLUME: 268 NUMBER: 13 PAGES:

9927-35 CODEN: JBCHA3 ISSN: 0021-9258 LANGUAGE: English

SECTION:

CA206001 General Biochemistry

CA207XXX Enzymes

IDENTIFIERS: endomannosidase alpha inhibition oligosaccharide processing

DESCRIPTORS:

Molecular structure-biological activity relationship...

endo- α -mannosidase-inhibiting, of mannose-containing oligosaccharides and derivs.

-more-

?

Display 5/9/1 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2005 American Chemical Society. All rts. reserv.

Glycoproteins, biological studies...

formation of, oligosaccharide processing in, Golgi apparatus endomannosidase inhibition in relation to

Oligosaccharides, mannose-containing...

N-linked, processing of, in glycoprotein biosynthesis, Golgi apparatus endomannosidase inhibition in relation to

Kinetics, enzymic...

of inhibition, of endomannosidase of Golgi apparatus, by mannose-containing oligosaccharides and derivs.

CAS REGISTRY NUMBERS:

108022-16-8 inhibition of, of Golgi apparatus, characterization of, oligosaccharide processing in glycoprotein biosynthesis in relation to

147103-37-5 150395-54-3 150395-55-4 150395-56-5 150395-57-6

150395-58-7 150395-59-8 150395-60-1 150395-61-2 150395-62-3

150395-63-4 150395-64-5 150395-65-6 150395-66-7 150395-67-8

150395-68-9 150395-69-0 150395-70-3 150395-71-4 150415-49-9

150447-75-9 150447-76-0 150447-77-1 150447-78-2 150447-79-3

-more-

? rs s2

S2 1 ENDOMANNOSIDASE? (5N) STRUCTURE?

? rd s2

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S3 1 RD S2 (unique items)

? d s2/3/1-20

Display 2/3/1 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2005 American Chemical Society. All rts. reserv.

119197842 CA: 119(19)197842f JOURNAL

Characterization of endomannosidase inhibitors and evaluation of their effect on N-linked oligosaccharide processing during glycoprotein biosynthesis

AUTHOR(S): Hiraizumi, Sen; Spohr, Ulrike; Spiro, Robert G.

LOCATION: Dep. Biol. Chemical, Harvard Med. Sch., Boston, MA, 02215, USA

JOURNAL: J. Biol. Chemical DATE: 1993 VOLUME: 268 NUMBER: 13 PAGES:

9927-35 CODEN: JBCHA3 ISSN: 0021-9258 LANGUAGE: English

- end of record -

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? rd s2

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
S4 1 RD S2 (unique items)

? d s2/3/1-20

Display 2/3/1 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2005 American Chemical Society. All rts. reserv.

119197842 CA: 119(19)197842f JOURNAL

Characterization of endomannosidase inhibitors and evaluation of their effect on N-linked oligosaccharide processing during glycoprotein biosynthesis

AUTHOR(S): Hiraizumi, Sen; Spohr, Ulrike; Spiro, Robert G.

LOCATION: Dep. Biol. Chemical, Harvard Med. Sch., Boston, MA, 02215, USA

JOURNAL: J. Biol. Chemical DATE: 1993 VOLUME: 268 NUMBER: 13 PAGES:

9927-35 CODEN: JBCHA3 ISSN: 0021-9258 LANGUAGE: English

- end of record -

?

? s endomannosidase?
S5 301 ENDOMANNOSIDASE?

? rd s5

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
S6 98 RD S5 (unique items)

? d s6/3/1-20

Display 6/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0015491310 BIOSIS NO.: 200510185810

Golgi-endomannosidase is involved in the quality control of N-glycosylation

AUTHOR: Ziak Martin (Reprint); Torossi Tania; Sauter-Etter Kay; Roth Jurgen
AUTHOR ADDRESS: Univ Zurich, Div Cell and Mol Pathol, Dept Pathol, CH-8091

Zurich, Switzerland**Switzerland

JOURNAL: FASEB Journal 18 (8, Suppl. S): pC153 MAY 14 2004 2004

CONFERENCE/MEETING: Annual Meeting of the

American-Society-for-Biochemistry-and-Molecular-Biology/8th Congress of the International-Union-for-Biochemistry-and-Molecular-Biology Boston, MA, USA
June 12 -16, 2004; 20040612

SPONSOR: Amer Soc BioChem & Mol Biol
Int Union Biochem & Mol Biol

ISSN: 0892-6638

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Abstract

-more-

?

Display 6/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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LANGUAGE: English

- end of record -

?

Display 6/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0015416998 BIOSIS NO.: 200510111498

Intact alpha-1,2-endomannosidase is a typical type II membrane protein

AUTHOR: Hamilton Stephen R; Li Huijuan; Wischnewski Harry; Prasad Anita; Kerley-Hamilton Joanna S; Mitchell Teresa; Walling Amelia J; Davidson Robert C; Wildt Stefan; Gerngross Tillman U (Reprint)

AUTHOR ADDRESS: Dartmouth Coll, Thayer Sch Engn, Hanover, NH 03755 USA**USA

AUTHOR E-MAIL ADDRESS: tillman.gerngross@dartmouth.edu

JOURNAL: Glycobiology 15 (6): p615-624 JUN 05 2005

ISSN: 0959-6658

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 6/3/3 (Item 3 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0015032298 BIOSIS NO.: 200400403087

Cellular effects of deoxynojirimycin analogues: inhibition of N-linked oligosaccharide processing and generation of free glucosylated oligosaccharides

AUTHOR: Mellor Howard R; Neville David C A; Harvey David J; Platt Frances M ; Dwek Raymond A; Butters Terry D (Reprint)

AUTHOR ADDRESS: Dept BiochemGlycobiol Inst, Univ Oxford, S Parks Rd, Oxford, OX1 3QU, UK**UK

AUTHOR E-MAIL ADDRESS: terry@glycob.ox.ac.uk

JOURNAL: Biochemical Journal 381 (Part 3): p867-875 August 1, 2004 2004

MEDIUM: print

ISSN: 0264-6021

DOCUMENT TYPE: Article; Literature Review

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 6/3/4 (Item 4 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0015008194 BIOSIS NO.: 200400378983

Golgi endomannosidase inhibitor,

alpha-D-glucopyranosyl-(1fwdarw3)-1-deoxymannojirimycin: a five-step synthesis from maltulose and examples of N-modified derivatives

AUTHOR: Spreitz Josef; Stutz Arnold E (Reprint)

AUTHOR ADDRESS: Inst Organ Chem, Graz Tech Univ, Stremayrgasse 16, A-8010, Graz, Austria**Austria

AUTHOR E-MAIL ADDRESS: stuetz@orgc.tu-graz.ac.at

JOURNAL: Carbohydrate Research 339 (10): p1823-1827 July 12, 2004 2004

MEDIUM: print

ISSN: 0008-6215 _(ISSN print)

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 6/3/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0014906911 BIOSIS NO.: 200400277668

Role of N-linked polymannose oligosaccharides in targeting glycoproteins for endoplasmic reticulum-associated degradation

AUTHOR: Spiro R G (Reprint)
AUTHOR ADDRESS: Sch MedDept Biol Chem, Harvard Univ, Boston, MA, 02215, USA
**USA
AUTHOR E-MAIL ADDRESS: robert.spiro@joslin.harvard.edu
JOURNAL: CMLS Cellular and Molecular Life Sciences 61 (9): p1025-1041
April 2004 2004
MEDIUM: print
ISSN: 1420-682X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?
Display 6/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0014428058 BIOSIS NO.: 200300385335
The role of glucosidase II and **endomannosidase** in glucose trimming of
asparagine-linked oligosaccharides.
AUTHOR: Roth Jürgen (Reprint); Ziak Martin; Zuber Christian
AUTHOR ADDRESS: Division of Cell and Molecular Pathology, Department of
Pathology, University of Zurich, Schmelzbergstr. 12, 8091, Zurich,
Switzerland**Switzerland
AUTHOR E-MAIL ADDRESS: juergen.roth@usz.ch
JOURNAL: Biochimie (Paris) 85 (3-4): p287-294 March-April 2003 2003
MEDIUM: print
ISSN: 0300-9084
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?
Display 6/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0013824201 BIOSIS NO.: 200200417712
Perturbation of free oligosaccharide trafficking in endoplasmic reticulum
glucosidase I-deficient and castanospermine-treated cells
AUTHOR: Durrant Christelle; Moore Stuart E H (Reprint)
AUTHOR ADDRESS: Unite de Glycobiologie et Signalisation Cellulaire, U504,
16 Avenue Paul Vaillant-Couturier, Bâtiment INSERM, 94807, Villejuif
Cedex, France**France
JOURNAL: Biochemical Journal 365 (1): p239-247 1 July, 2002 2002
MEDIUM: print
ISSN: 0264-6021
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

?
Display 6/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0013687817 BIOSIS NO.: 200200281328
The importance of trimming reactions on asparagine-linked oligosaccharides
for protein quality control
AUTHOR: Roth Jürgen (Reprint); Zuber Christian; Guhl Bruno; Fan Jing-yu;
Ziak Martin
AUTHOR ADDRESS: Division of Cell and Molecular Pathology, Department of
Pathology, University of Zurich, Schmelzbergstrasse 12, 8091, Zurich,
Switzerland**Switzerland
JOURNAL: Histochemistry and Cell Biology 117 (2): p159-169 February, 2002

2002

MEDIUM: print

ISSN: 0948-6143

DOCUMENT TYPE: Article; Literature Review

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 6/3/9 (Item 9 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0013342239 BIOSIS NO.: 200100514078

Release of polymannose oligosaccharides from vesicular stomatitis virus G protein during endoplasmic reticulum-associated degradation

AUTHOR: Spiro Mary Jane; Spiro Robert G (Reprint)

AUTHOR ADDRESS: Departments of Medicine and Biological Chemistry, Joslin Diabetes Center, Harvard Medical School, 1 Joslin Place, Boston, MA, 02215, USA**USA

JOURNAL: Glycobiology 11 (10): p803-811 October, 2001 2001

MEDIUM: print

ISSN: 0959-6658

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 6/3/10 (Item 10 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0012955015 BIOSIS NO.: 200100126854

Golgi apparatus immunolocalization of **endomannosidase** suggests post-endoplasmic reticulum glucose trimming: Implications for quality control

AUTHOR: Zuber Christian; Spiro Mary Jane; Guhl Bruno; Spiro Robert G; Roth Jurgen (Reprint)

AUTHOR ADDRESS: Division of Cell and Molecular Pathology, Department of Pathology, University of Zurich, CH-8091, Zurich, Switzerland** Switzerland

JOURNAL: Molecular Biology of the Cell 11 (12): p4227-4240 December, 2000 2000

MEDIUM: print

ISSN: 1059-1524

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 6/3/11 (Item 11 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0012931442 BIOSIS NO.: 200100103281

Immunohistochemical evaluation of **endomannosidase** distribution in rat tissues: Evidence for cell type-specific expression

AUTHOR: Dong Zhizhong; Zuber Christian; Spiro Mary Jane; Spiro Robert G; Roth Jurgen (Reprint)

AUTHOR ADDRESS: Division of Cell and Molecular Pathology, Department of Pathology, University of Zurich, CH-8091, Zurich, Switzerland** Switzerland

JOURNAL: Histochemistry and Cell Biology 114 (6): p461-467 December, 2000 2000

MEDIUM: print

ISSN: 0948-6143

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 6/3/12 (Item 12 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0012889016 BIOSIS NO.: 200100060855

Folding and activity of glycoenzymes is dependent on the lectins calnexin and calreticulin

AUTHOR: Petrescu S M (Reprint); Branza-Nichita N (Reprint); Petrescu A J (Reprint); Negroiu G (Reprint); Platt F M; Wormald M; Dwek R A

AUTHOR ADDRESS: Institute of Biochemistry, Romanian Academy, Splaiul Independentei 296, 77700, Bucharest, Romania**Romania

JOURNAL: Biochemical Society Transactions 28 (5): pA124 October, 2000 2000

MEDIUM: print

CONFERENCE/MEETING: 18th International Congress of Biochemistry and Molecular Biology Birmingham, UK July 16-20, 2000; 20000716

SPONSOR: International Union of Biochemistry and Molecular Biology Federation of European Biochemical Societies
Biochemical Society

ISSN: 0300-5127

DOCUMENT TYPE: Meeting; Meeting Abstract

-more-

?

Display 6/3/12 (Item 12 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

RECORD TYPE: Citation

LANGUAGE: English

- end of record -

?

Display 6/3/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0012888955 BIOSIS NO.: 200100060794

Synthesis of

alpha-D-glucopyranosyl-(1-3)-alpha-D-mannopyranosyl-(1-7)-4-methylumbelli ferone, a fluorogenic substrate for endo-alpha-1,2-mannosidase

AUTHOR: Vogel C; Pohlentz G (Reprint)

AUTHOR ADDRESS: Institut fuer Physiologische Chemie, Universitaet Bonn, Nussallee 11, D-53115, Bonn, Germany**Germany

JOURNAL: Journal of Carbohydrate Chemistry 19 (9): p1247-1258 December, 2000 2000

MEDIUM: print

ISSN: 0732-8303

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

?

Display 6/3/14 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2005 BIOSIS. All rts. reserv.

0012876469 BIOSIS NO.: 200100048308

Method for carbohydrate engineering of glycoproteins

AUTHOR: Davis Simon J (Reprint); Butters Terence D; Karlsson Gunilla B; Platt Frances M; Bryant Martin L; Dwek Raymond A

AUTHOR ADDRESS: Oxford, UK**UK

JOURNAL: Official Gazette of the United States Patent and Trademark Office

Patents 1234 (5): May 30, 2000 2000

MEDIUM: e-file

PATENT NUMBER: US 6069235 PATENT DATE GRANTED: May 30, 2000 20000530

PATENT CLASSIFICATION: 530-402 PATENT ASSIGNEE: Monsanto Company

PATENT COUNTRY: USA

ISSN: 0098-1133

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

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Display 6/3/15 (Item 15 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0012578296 BIOSIS NO.: 200000296609

Immunolocalization of **endomannosidase** in the intermediate compartment and Golgi apparatus suggests post-endoplasmic reticulum glucose trimming and protein quality control

AUTHOR: Zuber C (Reprint); Spiro M J; Guhl B (Reprint); Spiro R G; Roth J (Reprint)

AUTHOR ADDRESS: Div. Cell Molec. Pathol., Dept. Pathol., Univ. Zurich, CH-8091, Zurich, Switzerland**Switzerland

JOURNAL: FASEB Journal 14 (4): pA102 March 15, 2000 2000

MEDIUM: print

CONFERENCE/MEETING: Annual Meeting of Professional Research Scientists:

Experimental Biology 2000 San Diego, California, USA April 15-18, 2000; 20000415

SPONSOR: Federation of American Societies for Experimental Biology

ISSN: 0892-6638

DOCUMENT TYPE: Meeting; Meeting Abstract

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DIALOG(R)File 5:Biosis Previews(R)

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RECORD TYPE: Citation

LANGUAGE: English

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Display 6/3/16 (Item 16 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0012528417 BIOSIS NO.: 200000246730

Use of recombinant **endomannosidase** for evaluation of the processing of N-linked oligosaccharides of glycoproteins and their oligosaccharide-lipid precursors

AUTHOR: Spiro Mary Jane; Spiro Robert G (Reprint)

AUTHOR ADDRESS: Joslin Diabetes Center, One Joslin Place, Boston, MA, 02215, USA**USA

JOURNAL: Glycobiology 10 (5): p521-529 May, 2000 2000

MEDIUM: print

ISSN: 0959-6658

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

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Display 6/3/17 (Item 17 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0012377337 BIOSIS NO.: 200000095650

Protein specific N-glycosylation of tyrosinase and tyrosinase-related protein-1 in B16 mouse melanoma cells
AUTHOR: Negroiu Gabriela; Branza-Nichita Norica; Petrescu Andrei J; Dwek Raymond A; Petrescu Stefana M (Reprint)
AUTHOR ADDRESS: Institute of Biochemistry, Romanian Academy, Splaiul Independentei 296, 77700, Bucharest 17, Romania**Romania
JOURNAL: Biochemical Journal 344 (3): p659-665 Dec. 15, 1999 1999
MEDIUM: print
ISSN: 0264-6021
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

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Display 6/3/18 (Item 18 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0012364198 BIOSIS NO.: 200000082511
Immunolocalization of **endomannosidase** in the intermediate compartment and Golgi apparatus suggests post-endoplasmic reticulum glucose trimming and protein quality control
AUTHOR: Roth Jurgen (Reprint); Zuber Christian (Reprint); Spiro Mary Jane; Spiro Robert G; Guhl Bruno (Reprint); Roth Jurgen (Reprint)
AUTHOR ADDRESS: Division of Cell and Molecular Pathology, University of Zurich, Schmelzbergstr. 12, Zurich, CH-8091, Switzerland**Switzerland
JOURNAL: Molecular Biology of the Cell 10 (SUPPL.): p414a Nov., 1999 1999
MEDIUM: print
CONFERENCE/MEETING: 39th Annual Meeting of the American Society for Cell Biology Washington, D.C., USA December 11-15, 1999; 19991211
SPONSOR: The American Society for Cell Biology
ISSN: 1059-1524
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation

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DIALOG(R)File 5:Biosis Previews(R)
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0011566475 BIOSIS NO.: 199800360722
Processing of viral envelope glycoprotein by the **endomannosidase** pathway: Evaluation of host cell specificity
AUTHOR: Karaivanova Velislava K; Luan Peng; Spiro Robert G (Reprint)
AUTHOR ADDRESS: Joslin Diabetes Cent., One Joslin Place, Boston, MA 02215, USA**USA
JOURNAL: Glycobiology 8 (7): p725-730 July, 1998 1998
MEDIUM: print
ISSN: 0959-6658
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

- end of record -

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Display 6/3/20 (Item 20 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0011237159 BIOSIS NO.: 199800031406

Molecular cloning and expression of rat liver endo-alpha-mannosidase, an
N-linked oligosaccharide processing enzyme

AUTHOR: Spiro Mary Jane; Bhoyroo Vishnu D; Spiro Robert G (Reprint)

AUTHOR ADDRESS: Elliot P. Joslin Res. Lab., Joslin Diabetes Cent., One
Joslin Pl., Boston, MA 02215, USA**USA

JOURNAL: Journal of Biological Chemistry 272 (46): p29356-29363 Nov. 14,
1997 1997

MEDIUM: print

ISSN: 0021-9258

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

- end of record -

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Set	Items	Description
? s	endomannosidase (5n) (clon? or recombinant?)	
301	ENDOMANNOSIDASE	
2773358	CLON?	
1775553	RECOMBINANT?	
S1	17	ENDOMANNOSIDASE (5N) (CLON? OR RECOMBINANT?)
? s	s1 and glycosylat\$ (5n) pattern?	
17	S1	
0	GLYCOSYLAT\$	
5415523	PATTERN?	
0	GLYCOSYLAT\$ (5N) PATTERN?	
S2	0	S1 AND GLYCOSYLAT\$ (5N) PATTERN?
? s	s1 and glycosylat? (5n) pattern/	
>>>Possible typing error near end of line		
? s	s1 and glycosylat? (5n) pattern?	
17	S1	
337495	GLYCOSYLAT?	
5415523	PATTERN?	
7900	GLYCOSYLAT? (5N) PATTERN?	
S3	0	S1 AND GLYCOSYLAT? (5N) PATTERN?
? e	au=hamilton, stephen	

Ref	Items	Index-term
E1	1	AU=HAMILTON, STEPHANIE M.
E2	1	AU=HAMILTON, STEPHANIE RENFROW
E3	17	*AU=HAMILTON, STEPHEN
E4	10	AU=HAMILTON, STEPHEN B.
E5	4	AU=HAMILTON, STEPHEN B., JR.
E6	2	AU=HAMILTON, STEPHEN BANCROFT
E7	1	AU=HAMILTON, STEPHEN BANCROFT, JR
E8	7	AU=HAMILTON, STEPHEN BANCROFT, JR.
E9	1	AU=HAMILTON, STEPHEN BRANCROFT
E10	6	AU=HAMILTON, STEPHEN F
E11	10	AU=HAMILTON, STEPHEN F.
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E3	37	*AU=HAMILTON STEPHEN
E4	2	AU=HAMILTON STEPHEN A
E5	12	AU=HAMILTON STEPHEN B
E6	14	AU=HAMILTON STEPHEN F
E7	67	AU=HAMILTON STEPHEN K
E8	5	AU=HAMILTON STEPHEN M
E9	29	AU=HAMILTON STEPHEN R
E10	10	AU=HAMILTON STEVE
E11	6	AU=HAMILTON STEVEN
E12	8	AU=HAMILTON STEVEN A

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